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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 69 For Week Ended October 21, 1988 NO. 42

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/21/88	Last Week Ending: 10/14/88	Last Year Week Ending: 10/23/87	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,284	13,341	12,845	-57	439
Operable capacity	15,922	15,922	15,697	0	225
Percent operated	83.4	83.8	81.8		
Motor Gasoline					
Total motor gasoline production	6,906	6,936	6,808	-30	98
Finished leaded motor gasoline production	1,157	1,193	1,608	-36	-451
Finished unleaded motor gasoline production	5,749	5,743	5,200	6	549
Total motor gasoline stocks	216,003	220,062	222,296	-4,059	-6,293
Finished leaded motor gasoline stocks	39,207	40,567	52,200	-1,360	-12,993
Finished unleaded motor gasoline stocks	138,687	140,585	132,677	-1,898	6,010
Jet Fuel Kerosine					
Jet fuel kerosine production	1,175	1,131	1,166	44	9
Jet fuel kerosine stocks	42,272	40,584	43,957	1,688	-1,685
Distillate Fuel Oil					
Distillate fuel oil production	2,808	2,831	2,772	-23	36
Distillate fuel oil stocks	126,873	129,972	125,296	-3,099	1,577
Residual Fuel Oil					
Residual fuel oil production	892	904	907	-12	-15
Residual fuel oil stocks	42,656	44,789	46,224	-2,133	-3,568
Imports					
Crude oil imports	5,231	5,180	4,781	51	450
Product imports	2,141	2,438	2,114	-297	27
Crude Oil Stocks					
Crude oil stocks	333,350	327,142	337,880	6,208	-4,530
Crude Supply Balance	942				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,330	1,143	1,147	1,380	83.1
Appal. No. 1	113	107	109	107	101.9
DISTRICT 1 TOTAL	1,443	1,250	1,256	1,487	84.5
Ind., Ill., Ky.	1,876	1,836	1,864	2,254	82.7
Minn., Wisc., Daks.	316	307	310	312	99.4
Okla., Kans., Mo.	780	695	703	718	97.9
DISTRICT 2 TOTAL	2,972	2,838	2,877	3,284	87.6
Inland Texas	588	513	520	569	91.4
Texas Gulf Coast	3,376	3,155	3,159	3,580	88.2
La. Gulf Coast	2,402	2,234	2,267	2,908	78.0
N. La. and Ark.	158	148	151	252	59.9
New Mexico	91	72	73	76	96.1
DISTRICT 3 TOTAL	6,615	6,122	6,170	7,385	83.5
DISTRICT 4 TOTAL	443	398	402	535	75.1
DISTRICT 5 TOTAL	2,579*	2,525	2,579	3,231	79.8
TOTAL U.S.	14,052	13,133	13,284	15,922	83.4
TOTAL U.S. Weeks Ended:					
OCT. 14, 1988	14,261*	13,213	13,341	15,922	83.8
OCT. 23, 1987	13,973	12,718	12,845	15,697	81.8
DISTRICTS 1-4 Weeks Ended:					
OCT. 21, 1988	11,473	10,608	10,705	12,691	84.4
OCT. 14, 1988	11,669	10,695	10,786	12,691	85.0
OCT. 23, 1987	11,471	10,429	10,557	12,438	84.9

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN

Week Ended October 21, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	678	59	619	29	51	309	137
Appal. No. 1	41	8	33	--	--	32	3
DISTRICT 1 TOTAL	719	67	652	29	51	341	140
Ind., Ill., Ky.	1,042	118	924	8	109	406	42
Minn., Wisc., Daks.	182	35	147	1	17	82	8
Okla., Kans., Mo.	419	138	281	5	54	161	10
DISTRICT 2 TOTAL	1,643	291	1,352	14	180	649	60
Inland Texas	322	77	245	26	28	130	19
Texas Gulf Coast	1,654	189	1,465	31	283	638	205
La. Gulf Coast	1,154	180	974	20	311	485	84
N. La. and Ark.	53	8	45	8	5	39	10
New Mexico	48	17	31	6	1	19	--
DISTRICT 3 TOTAL	3,231	471	2,760	91	628	1,311	318
DISTRICT 4 TOTAL	214	78	136	13	27	100	11
DISTRICT 5 TOTAL	1,099*	250	849*	57	289	407	363
TOTAL U.S.	6,906	1,157	5,749	204	1,175	2,808	892
TOTAL U.S. Weeks Ended:							
OCT. 14, 1988	6,936*	1,193	5,743*	212	1,131	2,831	904
OCT. 23, 1987	6,808	1,608	5,200	193	1,166	2,772	907
DISTRICTS 1-4 Weeks Ended:							
OCT. 21, 1988	5,807	907	4,900	147	886	2,401	529
OCT. 14, 1988	5,738	839	4,899	145	846	2,408	556
OCT. 23, 1987	5,685	1,333	4,352	139	862	2,324	512

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,897	351	3,545	1	147	407	8,454	771*	--
Central Atlantic	26,505	3,623	18,108	4,774	410	4,773	32,874	13,994	11,620
Lower Atlantic	29,191	4,903	23,979	309	469	5,355	13,899	3,115	544
DISTRICT 1 TOTAL	59,593	8,877	45,632	5,084	1,026	10,535	55,227	17,880*	12,164
DISTRICT 2 TOTAL	56,483	12,279	36,793	7,411	905	7,784	28,850*	2,893	15,353
DISTRICT 3 TOTAL	63,489	9,604	38,135	15,750	2,248	16,196	28,061	12,518	51,602
DISTRICT 4 TOTAL	5,940	1,830	2,525	1,585	359	866	2,626	610	2,021
DISTRICT 5 TOTAL	30,498	6,617	15,602	8,279	1,824	6,891	12,109	8,755	28,917
TOTAL U.S.	216,003	39,207	138,687	38,109	6,362	42,272	126,873	42,656	110,057
TOTAL U.S. Weeks Ended:									
OCT. 14, 1988	220,062	40,567	140,585	38,910	6,489	40,584	129,972*	44,789*	107,691
OCT. 23, 1987	222,296	52,200	132,677	37,419	6,747	43,957	125,296	46,224	102,047
DISTRICTS 1-4 Weeks Ended:									
OCT. 21, 1988	185,505	32,590	123,085	29,830	4,538	35,381	114,764	33,901	81,140
OCT. 14, 1988	188,510	33,729	124,271	30,510	4,711	33,853	117,462*	36,024*	79,202
OCT. 23, 1987	193,085	44,950	118,106	30,029	5,038	37,180	114,235	37,410	77,096

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.
[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended October 21, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
OCT. 21, 1988	4,951.0	5,106.0	4,907	738	250,607
OCT. 14, 1988	4,951.0	--	5,125	583	247,162
OCT. 7, 1988	4,846.0	--	4,867	689	244,925
SEP. 30, 1988	4,846.0	--	5,519	614	244,824
DISTRICT 5 TOTAL					
OCT. 21, 1988	3,092.0	3,094.0	324	6	82,743 #
OCT. 14, 1988	3,092.0	--	55	--	79,980
OCT. 7, 1988	3,092.0	--	348	15	79,162
SEP. 30, 1988	3,092.0	--	144	3	79,423
TOTAL U.S.					
OCT. 21, 1988	8,043.0	8,200.0	5,231	744	333,350 #
OCT. 14, 1988	8,043.0	--	5,180	583	327,142
OCT. 7, 1988	7,938.0	--	5,215	704	324,087
SEP. 30, 1988	7,938.0	--	5,663	617	324,247
OCT. 23, 1987	8,364.0 a/	--	4,781	622	337,880

#INCLUDES 25,657 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	1987 Averages Positive	1987 Averages Negative
OCT. 21, 1988	942	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
OCT. 21, 1988	15,897	65,330	157,681	11,699	250,607	82,743 #	333,350 #
OCT. 14, 1988	16,263	64,396	154,782	11,721	247,162	79,980	327,142
OCT. 23, 1987	15,162	69,893	166,859	12,312	264,226	73,654	337,880

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	178	--	178	--	--	--	135	--	--	--	--	313
Central Atlantic	249	--	249	45	--	49	148	436	22	171	29	1,149
Lower Atlantic	30	3	27	--	--	--	19	59	--	--	21	129
DISTRICT 1 TOTAL												
OCT. 21, 1988	457	3	454	45	--	49	302	495	22	171	50	1,591
OCT. 14, 1988	531	--	531	66	--	46	397	483	18	40	147	1,728
OCT. 7, 1988	360	--	360	76	--	46	268	471	11	101	92	1,425
SEP. 30, 1988	307	17	290	47	--	36	224	381	17	111	85	1,208
DISTRICTS 2-4 TOTAL												
OCT. 21, 1988	43	--	43	--	4	10	15	31	139	208	1	451
OCT. 14, 1988	11	--	11	6	3	24	18	45	251	168	120	646
OCT. 7, 1988	7	--	7	4	3	10	14	38	73	283	97	529
SEP. 30, 1988	7	--	7	4	3	17	16	65	181	221	184	698
DISTRICT 5 TOTAL												
OCT. 21, 1988	28	--	28	--	--	22	4	33	12	--	--	99
OCT. 14, 1988	39	--	39	--	--	3	4	5	13	--	--	64
OCT. 7, 1988	26	--	26	--	--	2	3	6	13	2	--	52
SEP. 30, 1988	29	--	29	--	--	3	4	5	11	3	--	55
TOTAL U.S.	528	3	525	45	4	81	321	559	173	379	51	2,141
TOTAL U.S. Weeks Ended:												
OCT. 14, 1988	581	--	581	72	3	73	419	533	282	208	267	2,438
OCT. 7, 1988	393	--	393	80	3	58	285	515	97	386	189	2,006
SEP. 30, 1988	343	17	326	51	3	56	244	451	209	335	269	1,961
OCT. 23, 1987	419	32	387	155	3	3	321	509	301	201	202	2,114

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

10/14/88	PAGE 1	TOTAL REFINERY INPUT	DISTRICT 5 TOTAL	2,592
			TOTAL U.S.	14,261
	PAGE 2	TOTAL MGAS	DISTRICT 5 TOTAL	1,198
			TOTAL U.S.	6,936
		UNLEADED MGAS	DISTRICT 5 TOTAL	844
			TOTAL U.S.	5,743
	PAGE 3	DISTILLATE FUEL	DISTRICT 2 TOTAL	28,893
			TOTAL U.S.	129,972
			DISTRICTS 1-4	117,462
		RESIDUAL FUEL	NEW ENGLAND	1,231
			DISTRICT 1 TOTAL	19,395
			TOTAL U.S.	44,789
			DISTRICTS 1-4	36,024